

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listing of claims in the application:

LISTING OF CLAIMS:

1. (Currently amended) An integrated exercise detection device comprising:
 - a satellite positioning module adapted to receive satellite signals, comprising a first microprocessor processing the satellite signals to generate first data comprising at least a current position, a first displacement, a first velocity and an altitude of a user and a communication interface;
 - a second microprocessor receiving the first data transmitted through the communication interface from the first microprocessor;
 - an exercise detection module adapted to detect at least one exercise signal of the user and generating second data in response thereto, the second data being transmitted to the second microprocessor, the second microprocessor processing the second data to generate at least a second velocity and a second displacement therefrom, the second microprocessor comparing the first and second displacements and the first and second velocities and correcting the second displacement and the second velocity if different from the respective first displacement and first velocity; and
 - a display electrically coupled to the second microprocessor to selectively display the first and second data.

2. (Original) The integrated exercise detection device as claimed in Claim 1, wherein

the exercise detection module comprises a step counter.

3. (Original) The integrated exercise detection device as claimed in Claim 1, wherein

the exercise detection module comprises a velocity/acceleration sensor.

4. (Original) The integrated exercise detection device as claimed in Claim 1, wherein

the second data generated by the exercise detection module is transmitted to the second microprocessor through an electrical wire.

5. (Original) The integrated exercise detection device as claimed in Claim 1, wherein

the second data generated by the exercise detection module is transmitted by a wireless transmitter circuit connected to the exercise detection module and received by a wireless receiving circuit connected to the second microprocessor.

6. (Currently amended) An integrated exercise detection device comprising:

a satellite positioning module adapted to receive satellite signals, comprising a microprocessor processing the satellite signals to generate first data comprising at least a current position, a first displacement, a first velocity and an altitude of a user and a communication interface;

an exercise detection module adapted to detect at least one exercise signal of the user and generating second data in response thereto, the second data being transmitted to the microprocessor, the microprocessor processing the second

data to generate at least a second velocity and a second displacement therefrom,
the microprocessor comparing the first and second displacements and the first
and second velocities and correcting the second displacement and the second
velocity if different from the respective first displacement and first velocity; and
a display electrically coupled to the microprocessor to selectively display the first
and second data.

7. (Original) The integrated exercise detection device as claimed in Claim 6, wherein
the exercise detection module comprises a step counter.

8. (Original) The integrated exercise detection device as claimed in Claim 6, wherein
the exercise detection module comprises a velocity/acceleration sensor.

9. (Original) The integrated exercise detection device as claimed in Claim 6, wherein
the second data generated by the exercise detection module is transmitted to the
microprocessor through an electrical wire.

10. (Original) The integrated exercise detection device as claimed in Claim 6, wherein
the second data generated by the exercise detection module is transmitted by a
wireless transmitter circuit connected to the exercise detection module and received
by a wireless receiving circuit connected to the microprocessor.